

Title (en)

DEVICE FOR CONNECTING TWO ALTERNATING VOLTAGE NETWORKS AND METHOD FOR OPERATING THE DEVICE

Title (de)

VORRICHTUNG ZUM VERBINDEN ZWEIER WECHSELSPANNUNGSNETZE UND VERFAHREN ZUM BETREIBEN DER VORRICHTUNG

Title (fr)

DISPOSITIF DE CONNEXION DE DEUX RÉSEAUX DE TENSION ALTERNATIVE ET PROCÉDÉ DE FONCTIONNEMENT DU DISPOSITIF

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Application

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Abstract (en)

[origin: WO2021013341A1] The invention relates to a connection device (2) for connecting two n-phase alternating voltage networks (1, 3) of the same frequency. The connection device according to the invention is characterised by n susceptance elements (4-6) each having continuously variable susceptance values, wherein by means of each susceptance element, two connecting conductors (Lij), which are allocated to one another, of the alternating voltage networks can be connected to one another and the effective power exchange between the alternating voltage networks can be controlled by changing the susceptance values in a targeted manner. The invention also relates to a method for operating the connection device according to the invention.

IPC 8 full level

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